U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Complete if Known Substitute for form 1449A/PTO Application Number 10/616,307 INFORMATION DISCLOSURE Filing Date July 10, 2003 STATEMENT BY APPLICANT First Named Inventor KIMCHY Yoav et al Art Unit 3737 (use as many sheets as necessary) MEHTA, PARIKHA SOLANKI **Examiner Name** Attorney Docket Number 25855 Sheet 1 3 U.S. PATENT DOCUMENTS Pages, Columns, Lines, Where Examiner Cite Document Number Publication Date Name of Patentee or DD-MMM-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code^{2 (if known)} 2002/0148970 17-Oct-2002 Wong et al. 1 2 2004/0153128 05-Aug-2004 Suresh et al. 02-Sep-2004 3 2004/0171924 Mire et al. Rousso et al. 4 2007/0194241 23-Aug-2007 5 2008/0237482 02-Oct-2008 Shahar et al 2008/0277591 13-Nov-2008 6 Shahar et al 7 26-Mar-2009 2009/0078875 Rousso et al. 2009/0152471 18-Jun-2009 8 Rousso et al. 15-Mar-1988 9 4,731,536 Rische et al. 10 5,349,190 20-Sep-1994 Hines et al. 21-Jul-1998 11 5,784,432 Kurtz et al. 12 6,147,353 14-Nov-2000 Gagnon et al. 6,242,743 05-Jun-2001 13 DeVito et al. 14 6,438,401 20-Aug-2002 Cheng et al. 15 6,459,925 01-Oct-2002 Nields et al. 12-Nov-2002 6,480,732 Tanaka et al. 16 17 6,628,983 30-Sep-2003 Gagnon 18 6,728,583 27-Apr-2004 Hallett 19 7,187,790 06-Mar-2007 Sabol et al. 20 7,468,513 23-Dec-2008 Charron et al. 21 7,490,085 10-Feb-2009 Walker et al. FOREIGN PATENT DOCUMENTS Examiner Cite Pages, Columns, Lines. No. 1 Foreign Patent Documents Publication Date Where Relevant Passages Initials' Name of Patentee or DD-MMM-YYYY Applicant of Cited Document or Relevant Figures Country Code3- Number4- Kind Code5 (if known) Appear

Date

Considered

Examiner Signature

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

 $^{^{6}}$ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Complete if Known Substitute for form 1449A/PTO Application Number 10/616,307 INFORMATION DISCLOSURE Filing Date July 10, 2003 First Named Inventor KIMCHY Yoav et al STATEMENT BY APPLICANT Group Art Unit Examiner Name MEHTA, PARIKHA SOLANKI (use as many sheets as necessary) Sheet Attorney Docket Number 25855 Of 3 OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), No.1 Initials T^2 publisher, city and/or country where published. 22 Communication Pursuant to Article 94(3) EPC Dated 22 July 2009 From the European Patent Office Re.: Application No. 06809851.6. 23 Notice of Allowance Dated 16 July 2009 From the US Patent and Trademark Office Re.: Application No. 12/084,559. Official Action Dated 07 July 2009 From the US Patent and Trademark Office 24 Re.: Application No. 10/533,568. Official Action Dated 13 May 2009 From the US Patent and Trademark Office 25 Re.: Application No. 11/798,017. 26 Official Action Dated 14 May 2009 From the US Patent and Trademark Office Re.: Application No. 11/656,548. 27 Official Action Dated 15 July 2009 From the US Patent and Trademark Office Re.: Application No. 10/616,301. Official Action Dated 16 December 2008 From the US Patent and Trademark 28 Office Re.: Application No. 10/343,792. 29 Official Action Dated 20 July 2009 From the US Patent and Trademark Office Re.: Application No. 11/980,617. Response Dated 07 April 2009 to Official Action of 7 October 2008 From the US 30 Patent and Trademark Office Re.: Application No. 10/616,301. 31 Response Dated 13 March 2008 to Official Action of 13 December 2007 From the US Patent and Trademark Office Re.: Application No. 10/616,301. Response Dated 15 March 2007 to Official Action of 15 December 2006 From the 32 US Patent and Trademark Office Re.: Application No. 10/616,301. 33 Response Dated 22 September 2008 to Official Action of 25 June 2008 From US Patent and Trademark Office Re.: Application No. 10/616,301. 34 Response Dated 31 October 2007 to Official Action of 12 July 2007 From the US Patent and Trademark Office Re.: Application No. 10/616,301. 35 Second International Search Report Dated 01 June 2009 From the International Searching Authority Re.: Application No. PCT/IL07/00918. Second Written Opinion Dated 01 June 2009 From the International Searching 36 Authority Re.: Application No. PCT/IL07/00918. 37 Bloch et al. "Application of Computerized Tomography to Radiation Therapy and Surgical Planning", Proceedings of the IEEE, 71(3): 351-355, March 1983. Examiner Date

Considered

Signature

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

 $^{^{6}}$ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Substitute for form 1449A/PTO | | | Complete if Known | | |
|-------------------------------|---------------|---|-------------------------------|---|--|
| | | | Application Number 10/616,307 | | |
| INE | Ω PM | ATION DISCLOSURE | Filing Date | nte 10/7/2003 med Inventor KIMCHY Yoav et al 3737 | |
| | | | First Named Inventor | | |
| STA | XTEM | ENT BY APPLICANT | Art Unit | | |
| | (use as i | many sheets as necessary) | Examiner Name | | |
| Sheet 3 Of 3 | | | Attorney Docket Number 25855 | | |
| | | OTHER PRIOR ART – NON PAT | ENT LITERATURE DOC | UMENTS | |
| Examiner Initials* | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | |
| | 38 | Ogawa et al. "Ultra High Resoultion Symposium, 2: 1600-1604, 1998. | Pinhole SPECT", IEEE Nuc | | |
| | 39 | Pellegrini et al. "Design of Compact Pinhole SPECT System Based on Flat Panel PMT", IEEE Nuclear Science Symposium Conference Record, 3: 1828-1832, 2003. | | | |
| | 40 | Wu et al. "ECG-Gated Pinhole SPECT in Mice With Millimeter Spatial Resolution", IEEE Transactions on Nuclear Science, 47(3): 1218-1221, June 2000. | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | • | Τ_ | | |
| Examiner Signature | | | Date Cons | idered | |

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450